

US Tech Test Report:  
FCC ID:  
IC:  
Test Report Number:  
Issue Date:  
Customer:  
Model:

FCC Part 15 Certification/ RSS 247  
2ABLX-150404Z  
8832A-150404Z  
15-0218  
September 4, 2015  
Qmotion Incorporated  
150404Z

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## **MPE and SAR Threshold Requirements**

### **Highest Gain Antenna (Trace Antenna) = 3.3 dBi**

Peak Power (dBm)= 20.5 (highest measured output power level)

Gain of Transmit Antenna = 3.3 dBi

Distance = 190 mm

time based average= Duty Cycle = 66%

Total source based time average= (Pwr dBm) + (Ant gain dBi) \* time based average

$$20.5 \text{ dBm} + 3.3 \text{ dBi} = 23.5 \text{ dBm} (223.9 \text{ mW}) * 0.66 = 147.8 \text{ mW}$$

which is << less than 1496 mW for FCC @ 190 mm

which is << less than 309 mW for IC @ > 50 mm